

01/29/02  
J1048 U.S. PTO

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PTO/SB/05 (11-00)  
Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 8045-32 (PX1438-US/SSD)

First Inventor Jae-Young Choi

Title In-Line System Having Overlay Accuracy....

Express Mail Label No. EL922712055US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 14]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 5]
5. Oath or Declaration [Total Pages 2]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☒ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. PTO/SB/17
17. ☒ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_  
Prior application information: Examiner \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or ☒ Correspondence address below

Name	Frank Chau				
Address	F. CHAU & ASSOCIATES, LLP				
	1900 Hempstead Turnpike, Suite 501				
City	East Meadow	State	New York	Zip Code	11554
Country	U.S.A.	Telephone	(516) 357-0091	Fax	(516) 357-0092

Name (Print/Type)	Frank V. DeRosa	Registration No. (Attorney/Agent)	43,584
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Signature	<i>Frank DeRosa</i>	Date	1/29/02
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**FEE TRANSMITTAL  
for FY 2001**

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT**

(\$ 780.00)

**Complete if Known**

Application Number

Filing Date

First Named Inventor

Jae-Young Choi

Examiner Name

Group Art Unit

Attorney Docket No.

8045-32 (PX1438-US/SSD)

**METHOD OF PAYMENT (check one)**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit  
Account  
Number

50-0679

Deposit  
Account  
Name

F. CHAU &amp; ASSOCIATES, LLP

- ☒
- Charge Any Additional Fee Required
- 
- Under 37 CFR 1.16 and 1.17

- ☐
- Applicant claims small entity status.
- 
- See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:

- ☒
- Check
- ☐
- Credit card
- ☐
- Money
- 
- Order
- ☐
- Other

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$) Code (\$) Code (\$)

101 740 201 370 Utility filing fee

106 330 206 165 Design filing fee

107 510 207 255 Plant filing fee

108 740 208 370 Reissue filing fee

114 160 214 80 Provisional filing fee

**Fee Paid**

\$740.00

**SUBTOTAL (1) (\$ 740.00)****2. EXTRA CLAIM FEES**

Total Claims	14	-20** =	0	X	Fee from below	\$18	=	\$0
Independent Claims	3	-3** =	0	X	Fee from below	\$84	=	\$0
Multiple Dependent						\$280	=	0

\*\*or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$) Code (\$) Code (\$)

103 18 203 9 Claims in excess of 20

102 84 202 42 Independent claims in excess of 3

104 280 204 140 Multiple dependent claim, if not paid

109 84 209 42 \*\* Reissue independent claims  
over original patent110 18 210 9 \*\* Reissue claims in excess of 20  
and over original patent**SUBTOTAL (2) (\$ 0.00)****FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Fee Fee Fee

Code (\$) Code (\$) Code (\$)

**Fee Description****Fee Paid**

105 130 205 65 Surcharge - late filing fee or oath

127 50 227 25 Surcharge - late provisional filing fee or  
cover sheet

139 130 139 130 Non-English specification

147 2,520 147 2,520 For filing a request for *ex parte* reexamination112 920\* 112 920\* Requesting publication of SIR prior to  
Examiner action113 1,840\* 113 1,840\* Requesting publication of SIR after  
Examiner action

115 110 215 55 Extension for reply within first month

116 400 216 200 Extension for reply within second month

117 920 217 460 Extension for reply within third month

118 1,440 218 720 Extension for reply within fourth month

128 1,960 228 980 Extension for reply within fifth month

119 320 219 160 Notice of Appeal

120 320 220 160 Filing a brief in support of an appeal

121 280 221 140 Request for oral hearing

138 1,510 138 1,510 Petition to institute a public use proceeding

140 110 240 55 Petition to revive - unavoidable

141 1,280 241 640 Petition to revive - unintentional

142 1,280 242 640 Utility issue fee (or reissue)

143 460 243 230 Design issue fee

144 620 244 310 Plant issue fee

122 130 122 130 Petitions to the Commissioner

123 50 123 50 Processing fee under 37 CFR 1.17(q)

126 180 126 180 Submission of Information Disclosure Stmt

581 40 581 40 Recording each patent assignment per  
property (times number of properties)146 740 246 370 Filing a submission after final rejection  
(37 CFR § 1.129(a))149 740 249 370 For each additional invention to be  
examined (37 CFR § 1.129(b))

179 740 279 370 Request for Continued Examination (RCE)

169 900 169 900 Request for expedited examination  
of a design application

Other fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$ 40.00)****SUBMITTED BY**

Name (Print/Type)

Frank V. DeRosa

Registration No.  
(Attorney/Agent)

43,584

Complete (if applicable)

Telephone

(516) 357-0091

Signature



Date

January 29, 2002

20050423 0400

PATENT  
Atty. Docket No. 8045-32 (PX1438-US/SSD)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Assistant Commissioner  
for Patents  
Washington, D.C. 20231

**UTILITY APPLICATION FEE TRANSMITTAL**

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Jae-Young CHOI; and Tae-Sin PARK

For: IN-LINE SYSTEM HAVING OVERLAY ACCURACY MEASUREMENT  
FUNCTION AND METHOD FOR THE SAME

Enclosed are:

[X] 10 page(s) of specification

[X] 1 page(s) of Abstract

[X] 3 page(s) of claims

[X] 5 sheets of drawings [X] formal ☐ informal

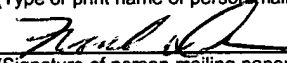
[X] 2 page(s) of Declaration and Power of Attorney

[X] An Assignment of the invention to Samsung Electronics Co., Ltd.

**CERTIFICATION UNDER 37 C.F.R. § 1.10**

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date January 29, 2002 in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL922712055US addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Frank V. DeRosa  
(Type or print name of person mailing paper)

  
(Signature of person mailing paper)

206270" E816500F

- ☐ This application claims the benefit under 35 U.S.C. §119(e) of U.S. Provisional Application(s) No(s):

APPLICATION NO(S):

FILING DATE

\_\_\_\_/\_\_\_\_/\_\_\_\_  
\_\_\_\_/\_\_\_\_/\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

- ☒ Certified copy of applications

Country

Appln. No.

Filed

Korea

2001/43048

July 18, 2001

from which priority under Title 35 United States Code, § 119 is claimed  
☒ is enclosed.

☐ will follow.

**CALCULATION OF UTILITY APPLICATION FEE**

For	Number Filed	Number Extra	Rate	Basic Fee \$740.00
TOTAL CLAIMS	14	0	x 18 =	\$0
INDEPENDENT CLAIMS	3	0	x 84 =	\$0
<input type="checkbox"/> Multiple Dep. Claim	0		280	\$0
			<b>TOTAL \$740.00</b>	

- ☐ Verified Statement of "Small Entity" Status Under 37 C.F.R. § 1.27. Reduced fees under 37 C.F.R. § 1.9(f) (50% of total) paid herewith \$.

\*Includes all independent and single dependent claims and all claims referred to in multiple claims. See 37 C.F.R. § 1.75(c).


[X] Check in the amount of \$40.00 for recording the attached Assignment is enclosed as a separate check.

[X] Check in the amount of \$740.00 to cover the filing fee is attached.

[ ] Charge fee to Deposit Account No. 50-0679. Order No. \_\_\_\_\_  
TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

[X] Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and 1.17, at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 50-0679. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 50-0679 therefor. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

Date: January 29, 2002

  
\_\_\_\_\_  
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